

June 22, 1983

Memo to File:

RE: Geokinetics
Camp Kerogen Project
ACT/047/002
Seep Ridge Project
ACT/047/019
Uintah County, Utah

Division members Tom Tetting, Pam Grubaugh-Littig, Tom Portle, Susan Linner and Wayne Hedberg met on June 16, 1983 with Cathryn Chachas, Bill Sharrer, Jim Lekas and Rusty from Geokinetics to discuss and inspect project designs. At Mr. Lekas' office in Camp Kerogen various questions were answered and descriptions offered regarding the escalation of retort design to the commercial stage (Seep Ridge Project). Concerns discussed were; disposal of sulfur, ammonia, arsenic contaminated evaporation pond liners, and residual sludge from process water (which will be converted to steam). Other areas touched on included; the development of shale overburden permeability tests (post-blast/burn), percolation tests, and other hydrologic and geologic characterization studies.

The tour of the Camp Kerogen facilities included; air injection wells, oil pumps, off-gas manifolds, coolers and air quality equipment set up on retorts 27 and 28; newly built evaporation pond with underdrain system, as well as the old pond; test plots set up by the Forest Service on retort 24; lab facilities; 1978 - 1980 test plots on retorts 3, 11 and 12; post-burn core taken from retort 26; and a high speed film of underground retort explosive detonation.

Work seems to be progressing well towards commercial development, with many tests being carried out simultaneously. Regrading of surfaces above retorts achieves as reasonable an approximate original contour as can be expected and is compatible with surrounding terrain. Very little actual contemporaneous reclamation has been completed to date except on the most recent retorts 24, 25 and 26. The parts-materials storage yard appears quite unconsolidated and could use some consideration. The Division is well placed in requesting an additional \$50,000.00 bond due to the increase of acreage disturbance.

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TNT/lm